

|                               |                        |                     |  |
|-------------------------------|------------------------|---------------------|--|
| <b>Notice of Allowability</b> | <b>Application No.</b> | <b>Applicant(s)</b> |  |
|                               | 10/522,135             | YUKAWA ET AL.       |  |
|                               | Examiner               | Art Unit            |  |
|                               | Angela M. Lie          | 2163                |  |

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address--

All claims being allowable, PROSECUTION ON THE MERITS IS (OR REMAINS) CLOSED in this application. If not included herewith (or previously mailed), a Notice of Allowance (PTOL-85) or other appropriate communication will be mailed in due course. THIS NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIGHTS. This application is subject to withdrawal from issue at the initiative of the Office or upon petition by the applicant. See 37 CFR 1.313 and MPEP 1308.

1.  This communication is responsive to 1/4/2007.
2.  The allowed claim(s) is/are 2-7 and 9.
3.  Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
  - a)  All      b)  Some\*      c)  None      of the:
    1.  Certified copies of the priority documents have been received.
    2.  Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
    3.  Copies of the certified copies of the priority documents have been received in this national stage application from the International Bureau (PCT Rule 17.2(a)).

\* Certified copies not received: \_\_\_\_\_.

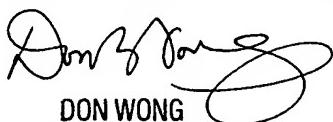
Applicant has THREE MONTHS FROM THE "MAILING DATE" of this communication to file a reply complying with the requirements noted below. Failure to timely comply will result in ABANDONMENT of this application.  
**THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.**

4.  A SUBSTITUTE OATH OR DECLARATION must be submitted. Note the attached EXAMINER'S AMENDMENT or NOTICE OF INFORMAL PATENT APPLICATION (PTO-152) which gives reason(s) why the oath or declaration is deficient.
5.  CORRECTED DRAWINGS (as "replacement sheets") must be submitted.
  - (a)  including changes required by the Notice of Draftsperson's Patent Drawing Review (PTO-948) attached
    - 1)  hereto or 2)  to Paper No./Mail Date \_\_\_\_\_.
  - (b)  including changes required by the attached Examiner's Amendment / Comment or in the Office action of Paper No./Mail Date \_\_\_\_\_.

Identifying indicia such as the application number (see 37 CFR 1.84(c)) should be written on the drawings in the front (not the back) of each sheet. Replacement sheet(s) should be labeled as such in the header according to 37 CFR 1.121(d).
6.  DEPOSIT OF and/or INFORMATION about the deposit of BIOLOGICAL MATERIAL must be submitted. Note the attached Examiner's comment regarding REQUIREMENT FOR THE DEPOSIT OF BIOLOGICAL MATERIAL.

#### Attachment(s)

1.  Notice of References Cited (PTO-892)
2.  Notice of Draftsperson's Patent Drawing Review (PTO-948)
3.  Information Disclosure Statements (PTO/SB/08),  
Paper No./Mail Date 11/12/2007
4.  Examiner's Comment Regarding Requirement for Deposit  
of Biological Material
5.  Notice of Informal Patent Application
6.  Interview Summary (PTO-413),  
Paper No./Mail Date \_\_\_\_\_.
7.  Examiner's Amendment/Comment
8.  Examiner's Statement of Reasons for Allowance
9.  Other \_\_\_\_\_.



DON WONG

SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100

***Allowable Subject Matter***

1. **Claims 2-7 and 9 are allowed.**

2. The following is an examiner's statement of reasons for allowance:

**As to claim 4,** the prior art fails to teach a security lighting apparatus wherein the device comprises: a sunset detecting unit, a start time setting unit for setting a start and end times in the specific time period corresponding to the sunset.

**As to claim 5,** the prior art fails to teach the security lighting apparatus wherein the device comprises: a sunset detecting unit for detecting sunset; a sunrise detecting unit for detecting sunrise; a start time setting unit and an end time setting unit for setting the start and end times respectively based on the time of sunrise and sunset.

**As to claim 6,** the prior art fails to teach the security lighting apparatus wherein the device comprises: a sunset detecting unit for detecting sunset; a sunrise detecting unit for detecting sunrise; a past data accumulating unit for accumulating a predetermined number of past sunset/sunrise hours; a start time setting unit and an end time setting unit for setting the start and end times respectively based on the time of sunrise and sunset.

**As to claims 2, 3, 7 and 9,** those claims are allowed by the virtue of their dependency on claim 4.

3. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should

preferably accompany the issue fee. Such submissions should be clearly labeled

"Comments on Statement of Reasons for Allowance."

***The Prior Art***

4. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

- US Patent 6204762 discloses remote guard presence system comprising an alarm system including flashing lights and sirens and sensors for recognizing an intruder.
- US Publication 20040036603 discloses a lighting security system comprising plurality of lights which turn on when intruder enters protected area, light pack also comprises imaging unit, timer processing element, motion sensors, audible activator.

**Inquiry**

5. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Angela M. Lie whose telephone number is 571-272-8445. The examiner can normally be reached on M-F.

6. If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Don Wong can be reached on 571-272-1834. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 2163

7. Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.



**Angela M Lie**

DON WONG  
SUPERVISORY PATENT EXAMINER  
TECHNOLOGY CENTER 2100